

CLAIMS

1. (Currently Amended) A method for determining the effectiveness of monitoring sleep disordered breathing ("SDB") management of a single patient ~~on a computer, the method~~ comprising the steps of:

obtaining and storing data on a the computer, the data regarding a patient's treatment and being associated with a time period of interest and relating to body mass index ("BMI") and one or more of apnea hypopnea index ("AHI"), apnea index ("AI"), usage Usage and continuous positive airway pressure ("CPAP") titration; and

storing representative treatment results on said computer, said results representative of obstructive sleep apnea treatments of a plurality of patients;

displaying under control of the computer the BMI data together with one or more of AHI, AI, usage Usage and CPAP titration data for said patient in graphical form on a single screen for a selected time period to facilitate a comparative monitoring of the BMI and SDB management of said patient; and

ascertaining relationships and trends among said stored data regarding a patient's treatment and comparing said relationships and trends with said representative treatment results so as to determine the relative effectiveness of SDB management of said patient.

2. (Original) The method of claim 1 wherein the selected time period is adjustable.

3-4. (Cancelled)

5. (Previously Presented) The method of claim 1 wherein BMI data is used to characterize a patient based on predetermined BMI ranges.

6. (Previously Presented) The method of claim 5 wherein the patient characterization is displayed as a label on said single screen.

7. (Currently Amended) The method of claim 6 wherein patient characterizations include normal, overweight, and obese, and extremely obese.

8. (Previously Presented) The method of claim 7 wherein a patient characterization of normal represents a BMI range of 19-24.

9. (Currently Amended) The method of claim 7 [[8]] wherein a patient characterization of overweight represents a BMI range of 25-29.

10. (Currently Amended) The method of claim 7 [[9]] wherein a patient characterization of obese represents a BMI range of 30-39.

11. (Currently Amended) The method of claim 7 ~~40~~ further including a patient characterization of extremely obese representing a BMI range of 40-54.

12. (Currently Amended) Apparatus for determining the effectiveness of monitoring sleep disordered breathing ("SDB") management of a single patient comprising:

a storage mechanism for storing (1) data associated with said patient and with a time period of interest and relating to said patient's body mass index ("BMI") and one or more of apnea hypopnea index ("AHI"), apnea index ("AI"), Usage and continuous positive airway pressure ("CPAP") titration; and (2) for storing representative treatment results representative of obstructive sleep apnea treatment of a plurality of patients;

a display for displaying the BMI data together with one or more of AHI, AI, usage Usage and CPAP titration data for said patient in graphical form on a single screen for a selected time period to facilitate a comparative monitoring of the BMI and SDB management of said patient; and

a processor for ascertaining relationships and trends among said stored patient data and for comparing with said representative treatment results so as to determine the relative effectiveness of SDB management of said patient.

13. (Previously Presented) The apparatus of claim 12 wherein the selected time period is adjustable.

14. (Previously Presented) The apparatus of claim 12 wherein BMI data is used to characterize a patient based on predetermined BMI ranges.

15. (Previously Presented) The apparatus of claim 14 wherein the patient characterization is displayed as a label on said single screen.

16. (Currently Amended) The apparatus of claim 15 wherein patient characterizations include normal, overweight, and obese, and extremely obese.

17. (Previously Presented) The apparatus of claim 16 wherein a patient characterization of normal represents a BMI range of 19-24.

18. (Currently Amended) The apparatus of claim 16 ~~47~~ wherein a patient characterization of overweight represents a BMI range of 25-29.

19. (Currently Amended) The apparatus of claim 16 ~~48~~ wherein a patient characterization of obese represents a BMI range of 30-39.

20. (Currently Amended) The apparatus of claim 16 ~~49~~ further including a patient characterization of extremely obese representing a BMI range of 40-54.